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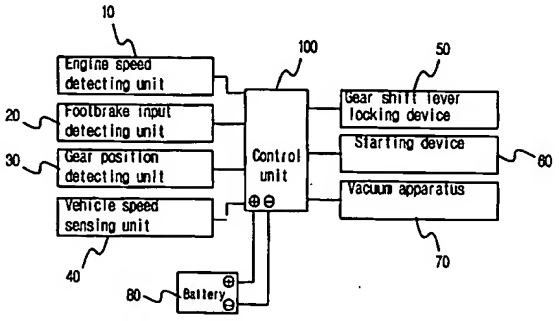
(54) Title: A SYSTEM FOR STARTING AUTOMATIC CAR IN SAFETY AND A METHOD THEREOF



(57) Abstract: The present invention relates to a system for starting an automatic car in safety and a method thereof, which prevent the occurrence of a sudden start accident in advance. The system comprises: an engine speed detecting unit 10 detecting the current speed of an engine; a foot brake input detecting unit 20 detecting whether a foot brake is operative; a gear position detecting unit 30 detecting whether a gear shift lever is in the neutral (N) position; a vehicle speed sensing unit 40 being operated parallel with the foot brake input detecting unit and sensing the speed of a vehicle; a control unit 100 making the engine not started when the foot brake is not operative and the gear shift velvet is not in the neutral position in the step of starting the engine and making the gear shift lever not shifted in the neutral position until the engine speed is lowered to less than a reference value after the engine is started as the above condition is satisfied; a starting device 60 starting the engine under the control of the control unit; and vacuum apparatus 70 being operated under the control of the control unit 100 for sucking air in a Hydro-vac and turning the Hydro-vac into a vacuum state. In the step of starting the engine, when a stable braking is disabled because the gear shift lever is not in the neutral position and the foot brake is not operative, the engine is not allowed to be started. After the engine is started as the above-condition is satisfied, the gear shift lever is not allowed to be shifted from the neutral position until the engine speed is lowered to less than a reference value, thereby preventing a sudden start.

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